

## **11.0 Permit Requirements**

### **A. Permit Administration**

Baltimore County shall designate an individual to act as a liaison with the Maryland Department of the Environment (MDE) and provide the coordinator's name, title, address, phone number, and email address. Additionally, the County shall submit to MDE an organizational chart detailing personnel and groups responsible for major National Pollutant Discharge Elimination System (NPDES) program tasks with each annual report.

### **B. Legal Authority**

Adequate legal authority shall be maintained in accordance with the NPDES regulation 40 CFR 122.26(d)(2)(i) throughout the term of this permit. In the event that any provisions of its legal authority are found to be invalid, the County shall make the necessary changes to maintain adequate legal authority.

### **I. Program Funding**

1. Annually, a fiscal analysis of the capital, operation, and maintenance expenditures necessary to comply with all conditions of this permit shall be submitted as required in Part IV below.
2. Adequate program funding to comply with all conditions of this permit shall be maintained.

## **11.1 Permit Administration**

The designated individual to act as a liaison with Maryland Department of the Environment is:

Steve Stewart

Chief, Watershed Management and Monitoring Section

Baltimore County Department of Environmental Protection and Resource Management

401 Bosley Avenue, Suite 416

Towson, MD 21204

410-887-4488 x240

[ssewart@baltimorecountymd.gov](mailto:ssewart@baltimorecountymd.gov)

The major NPDES program tasks are listed in Table 11-1, along with the Baltimore County Departments and associated bureaus or sections responsible for implementation. The County has designated an NPDES Management Committee, composed of representatives from agencies involved in NPDES activities, that meets on a periodic basis for updates and coordination. The main focus of the NPDES Management Committee over the last year has been County property management.

**Table 11-1: Major NPDES Program Tasks and Responsible Baltimore County Agencies**

<b>NPDES Program Task</b>	<b>Department - Section</b>
Program Administration	DEPRM – Watershed Management and Monitoring
Legal Authority	DEPRM - Administration Baltimore County – Law Office
Source Identification	DEPRM – Watershed Management and Monitoring DEPRM – Policy, Research, Education, and Communication OIT – Geographic Information Systems
Stormwater Management – Review	DEPRM – Stormwater Engineering
Stormwater Management – Inspections	DEPRM – Stormwater Engineering DEPRM – Capital Program and Operations
Erosion and Sediment Control	DEPRM – Inspection and Enforcement
Illicit Discharge Detection and Elimination	DEPRM – Watershed Management and Monitoring DEPRM – Environmental Health
County Property Management	DPW – Highways Bureau DPW – Utilities Bureau Department of Recreation and Parks Community College of Baltimore County Dept. of Education
Road Maintenance	DPW – Highways Bureau – Street Sweeping DPW – Utilities Bureau – Storm Drain Cleaning DEPRM – Watershed Management and Monitoring – Data Management
Public Education	DEPRM – All Sections DEPRM – Policy, Research, Education, and Communication – Major Component
Watershed Assessment and Planning	DEPRM – Watershed Management and Monitoring
Watershed Restoration	DEPRM – Capital Program and Operations
Assessment of Controls	DEPRM – Watershed Management and Monitoring
Program Funding	DEPRM – Finance and Administration
Total Maximum Daily Loads	DEPRM – Watershed Management and Monitoring
Annual Report	DEPRM – Watershed Management and Monitoring DEPRM – Policy, Research, Education, and Communication
Reapplication for NPDES Permit	DEPRM – Watershed Management and Monitoring

DEPRM = Department of Environmental Protection and Resource Management

DPW = Department of Public Works

OIT = Office of Information Technology

The organizational chart submitted as part of the budget request for fiscal year 2009 for the Baltimore County Department of Environmental Protection and Resource Management is displayed in Exhibit 11-1. Exhibit 11-2 is DEPRM's departmental organization effective April 25, 2008. The FY2009 budget includes four additional staff positions for the Department of Environmental Protection and Resource Management, two for the Environmental Health programs and two for the Stormwater Engineering Section. These two engineering positions may have a benefit to the implementation of the County's NPDES program.

## **11.2 Legal Authority**

The County continues to maintain adequate legal authority.

## **11.3 Fiscal Analysis**

Table 11-2 displays the operation costs for FY2007 and the projected salary expenses through FY 2013. Table 11-3 summarizes the annual fiscal year Capital Program costs through 2011. Both the operating budget and the capital budget are developed annually by the Baltimore County Executive and submitted to the Baltimore County Council for approval. The level of commitment for operating and capital funding is fixed for the approved budgets. The projected budgets may change due to budgetary constraints.

**Table 11-2: NPDES Operating Budget**

FY 2007 Actual	FY 2008 Budgeted	FY 2009 Projected	FY 2010 Projected	FY 2011 Projected	FY 2012 Projected	FY 2013 Projected
6,724,012	7,273,886	7,579,014	7,806,384	8,040,576	8,281,793	8,530,247

**Table 11-3: Capital Program**

FY 2007 Actual	FY 2008 Budgeted	FY 2009 Projected	FY 2010 Projected	FY 2011 Projected	FY 2012 Projected	FY 2013 Projected
18,000,000	18,361,000	0	14,523,000	0	9,386,000	0

The Capital Program is on a two-year funding cycle; therefore, the second year of the funding cycle indicates a zero dollar amount. Not all of the Capital Program funds are directly related to the NPDES permit. While dredging and shore erosion control projects are not directly related to the permit because they do not address stormwater, they are indirectly related because they address pollutant load reduction. The dredging projects require retrofitting the watershed draining to the dredged water body to reduce sediment loads. The retrofits typically take the form of various types of stormwater management facilities that reduce pollutants. The shore erosion control projects reduce pollutant loads of sediment and other pollutants associated with sediment to tidal waters.

Tables 11-4 through 11-6 displays the anticipated Capital Program expenditures by watershed. The watersheds are organized in accordance with the Maryland Tributary Strategies boundaries. There are three budget categories that are not watershed specific. These are listed separately. Each two-year funding cycle is represented as a separate table.

**NPDES - 2008 Annual Report**  
**Section 11 – Fiscal Analysis**

**Table 11-4: Baltimore County Environmental Capital Improvement Program - Fiscal Year 2008 & 2009**

<b>Project</b>	<b>Budget Number</b>	<b>Total (\$)</b>
<b>Upper Western Shore Watershed</b>		
Deer Creek	-	0
Prettyboy Watershed	-	0
Loch Raven Watershed	221-0103	350,000
Lower Gunpowder Watershed	221-0106	881,000
Little Gunpowder Watershed	221-0104	0
Bird River Watershed	221-0105	459,000
Gunpowder Watershed	221-0107	350,000
Middle River Watershed	221-0108	100,000
<b>Patapsco Back Watershed</b>		
Liberty Watershed	-	0
Patapsco Watershed	221-0110	0
Gwynns Falls Watershed	221-0111	1,000,000
Jones Falls Watershed	221-0112	1,950,000
Back River Watershed	221-0114	550,000
Baltimore Harbor Watershed	221-0113	6,130,000
<b>Non-Watershed Specific Funding</b>		
Watershed Restoration	221-0100	1,351,000
Environmental Management	221-0200	1,630,000
Waterway Improvement Projects	221-0300	1,610,000
Comm. Conservation Waterway Impr.	221-0900	1,625,000
<b>Total:</b>		<b>17,986,000</b>

**Table 11-5: Baltimore County Environmental Capital Improvement Program - Fiscal Years 2010 & 2011**

<b>Project</b>	<b>Budget Number</b>	<b>Total (\$)</b>
<b>Upper Western Shore Watershed</b>		
Deer Creek	-	0
Prettyboy Watershed	-	0
Loch Raven Watershed	221-0103	850,000
Lower Gunpowder Watershed	221-0106	500,000
Little Gunpowder Watershed	221-0104	0
Bird River Watershed	221-0105	300,000
Gunpowder Watershed	221-0107	0
Middle River Watershed	221-0108	800,000
<b>Patapsco Back Watershed</b>		
Liberty Watershed	-	0
Patapsco Watershed	221-0110	0
Gwynns Falls Watershed	221-0111	3,100,000
Jones Falls Watershed	221-0112	400,000
Back River Watershed	221-0114	200,000
Baltimore Harbor Watershed	221-0113	50,000
<b>Non-Watershed Specific Funding</b>		
Watershed Restoration	221-0100	1,190,000
Environmental Management	221-0200	1,525,000
Waterway Improvement Projects	221-0300	0
Comm. Conservation Waterway Impr.	221-0900	500,000
<b>Total:</b>		<b>9,640,000</b>

**NPDES - 2008 Annual Report**  
**Section 11 – Fiscal Analysis**

**Table 11-6: Baltimore County Environmental Capital Improvement Program - Fiscal Years 2012 & 2013**

Project	Budget Number	Total (\$)
<b>Upper Western Shore Watershed</b>		
Deer Creek	-	0
Prettyboy Watershed	221-0102	450,000
Loch Raven Watershed	221-0103	1,000,000
Lower Gunpowder Watershed	221-0106	1,050,000
Little Gunpowder Watershed	221-0104	250,000
Bird River Watershed	221-0105	850,000
Gunpowder Watershed	221-0107	0
Middle River Watershed	221-0108	0
<b>Patapsco Back Watershed</b>		
Liberty Watershed	-	0
Patapsco Watershed	221-0110	300,000
Gwynns Falls Watershed	221-0111	1,450,000
Jones Falls Watershed	221-0112	0
Back River Watershed	221-0114	880,000
Baltimore Harbor Watershed	221-0113	500,000
<b>Non-Watershed Specific Funding</b>		
Watershed Restoration	221-0100	1,405,000
Environmental Management	221-0200	1,525,000
Comm. Conservation Waterway Impr.	221-0900	500,000
<b>Total:</b>		<b>10,160,000</b>

**Exhibit 11-1: Department of Environmental Protection and Resource Management Table of Organization for FY2008**

BUDGET FORM NO. 2

BALTIMORE COUNTY  
FY 2009

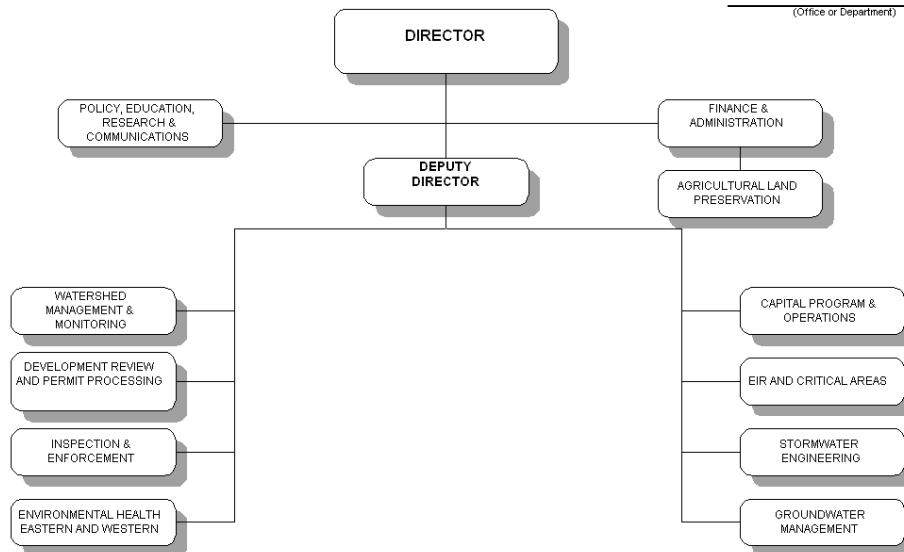
ENVIRONMENTAL PROTECTION & RESOURCE MGT

**001-042**

(Program No. & Title)

**Department of Environmental  
Protection and Resource Management**

(Office or Department)



TOTAL POSITIONS ... 109  
 Full-Time ..... 103  
 Part-Time ..... 6

Budget4-09.vsd

# NPDES - 2008 Annual Report

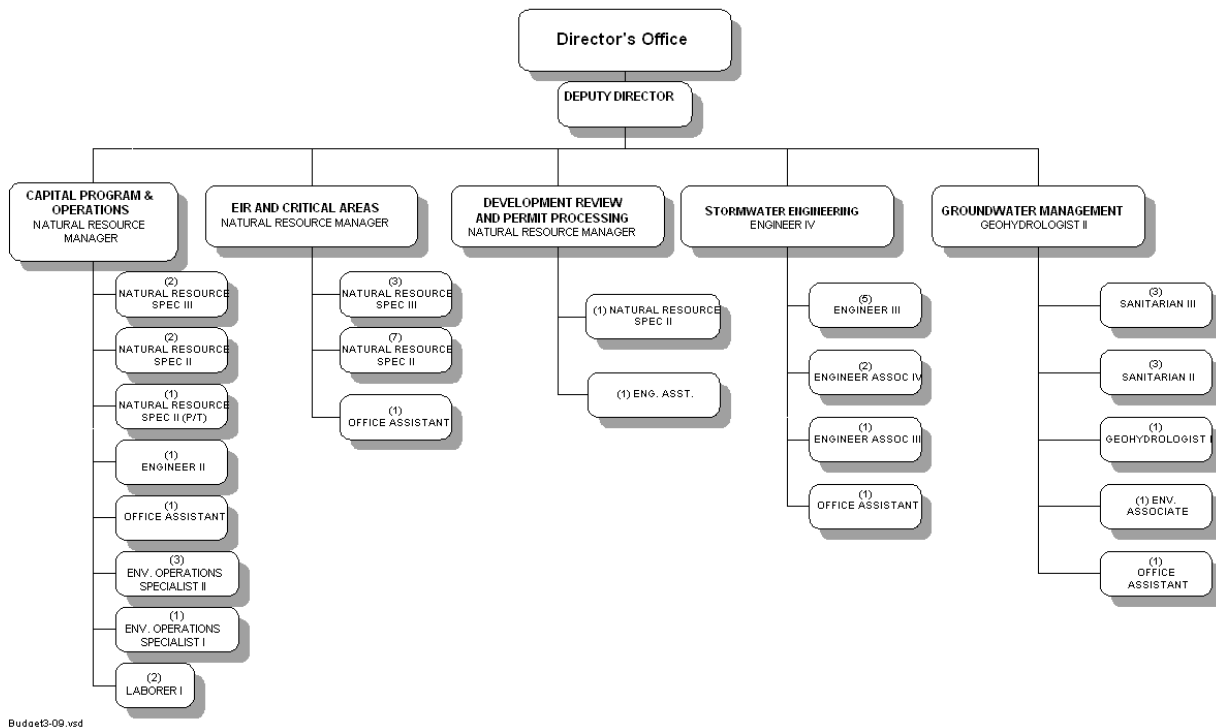
## Section 11 – Fiscal Analysis

BUDGET FORM NO. 2

BALTIMORE COUNTY  
FY 2009

042-4201  
Department of Environmental  
Protection and Resource Management  
(Program No. & Title)  
Department of Environmental  
Protection and Resource Management  
(Office or Department)

ENVIRONMENTAL PROTECTION & RESOURCE MGT  
PROGRAM 01



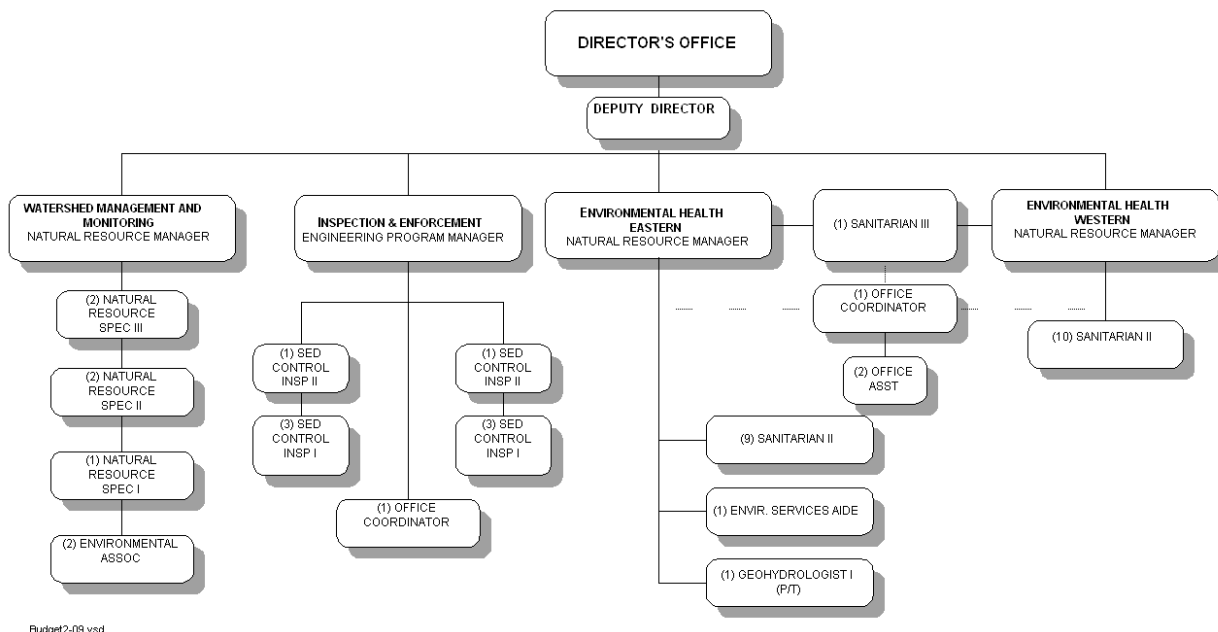
BUDGET FORM NO. 2

BALTIMORE COUNTY  
FY 2009

042-4201  
Department of Environmental  
Protection and Resource Management  
(Program No. & Title)

Department of Environmental  
Protection and Resource Management  
(Office or Department)

ENVIRONMENTAL PROTECTION & RESOURCE MGT  
PROGRAM 01



# NPDES - 2008 Annual Report

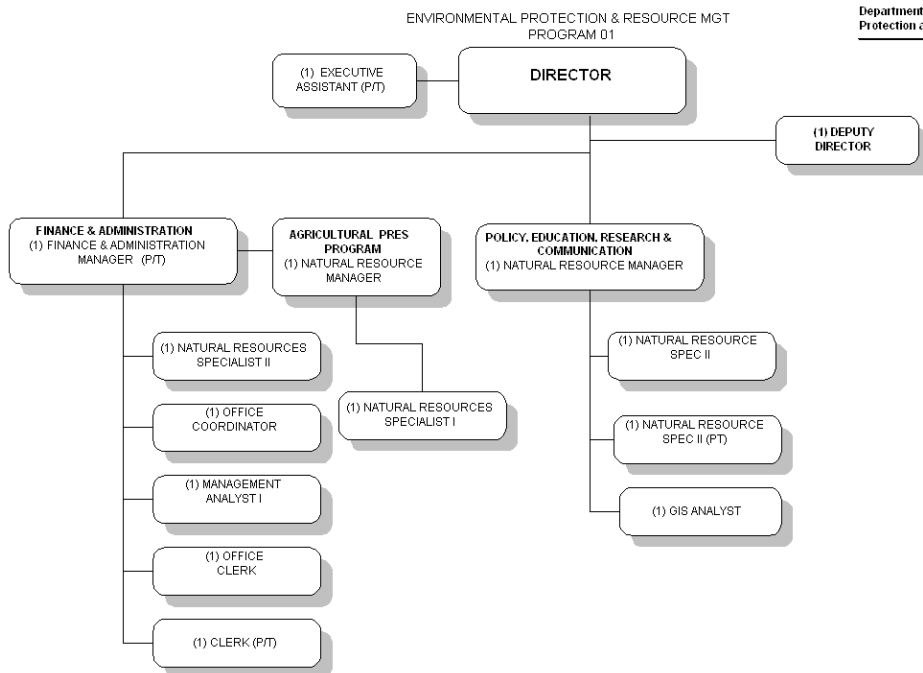
## Section 11 – Fiscal Analysis

BUDGET FORM NO. 2

BALTIMORE COUNTY  
FY 2009

042-4201  
Department of Environmental  
Protection and Resource Management  
(Program No. & Title)

Department of Environmental  
Protection and Resource Management  
(Office or Department)



Budget1-09.vsd

## Exhibit 11-2: Department of Environmental Protection and Resource Management Staff Organizational Chart Effective April 25, 2008

